

# Samuel Lankford Wood

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## OBJECTIVE

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Co-op position in Computer Science beginning Summer or Fall 2021.

## EDUCATION

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### North Carolina State University

*Major: Computer Science, Expected graduation: Spring 2023, Unweighted GPA: 4.0*

**Relevant Courses** Introduction to Computing Environments, Introduction to Engineering and Problem Solving, Programming Concepts - Java, Discrete Mathematics for Computer Scientists

### Research Triangle High School

*Graduation: Spring 2019, Unweighted GPA: 4.0*

**Relevant Courses** AP Computer Science A, AP Calculus AB, AP Calculus BC, Engineering Computing Systems

## TECHNICAL SKILLS

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- UNIX shell
- AWK
- Vi/Vim
- HTML
- Java 8 Oracle CA 
- Visual Basic
- SSH
- Apache
- DNS

## WORK EXPERIENCE

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### Intern for Voci Technologies, Inc.

*Summer 2019, 20 hrs./week, Tools development for Technical Account Managers*

- Developed a dashboard in Excel designed to introduce a simple workflow for clients to perform tuning associated with transcription of audio. Dashboard workflow as follows: 1) Select files for processing 2) Customize report parameters 3) Generate tuning report 4) Generate tuning file based on details in report and user input 5) Deploy tuning file for all future transcription requests 6) Apply tuning to transcripts used to generate report.
- Developed a script to take raw text as input and 1) identify out-of-vocabulary (OOV) words/terms 2) Produce a report of OOV terms for analysis 3) Based on analysis and context from the raw text, generate a tuning file to be used during audio transcription.
- Developed a script to parse JSON-formatted transcripts and calculate total silence for a transcript on each stereo channel.

### Contract work for American Board of Toxicology

*Summer 2017*

- Used regular expressions to extract information from an outdated database and reformat it to plain delimited text.

## HONORS AND ACTIVITIES

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National Merit Scholarship Commendation (2017), Regional branch ESU Shakespeare Competition (Fall 2018), International Thespian Society Honor Thespian (inducted 2018), Delta Epsilon Phi German Honor Society (inducted 2019), Mu Alpha Theta Math Honor Society (inducted 2017)